

## REMARKS

Claims 1 and 8-10 stand rejected under 35 U.S.C. §102(b) as being anticipated by Makino et al. (U.S. Publication No. 2002/0008683). In response, Applicants amended independent claims 1 and 8 to clarify that the data scanning unit scans a plurality of similar first-half data scanings, and also scans a plurality of consecutive similar second-half data scanings following the scanning of the first-half data scanings within the predetermined period, and respectfully traverse the rejection based on these amendments.

As acknowledged by the Examiner on page 2, under item 2 of the outstanding Office Action, Makino merely shows in FIG. 34 that during one frame there are four scanings (i.e., two for data-writing and two for data-erasing). However, as shown in FIG. 34 of Makino, during one frame the data-erasing scanning occurs followed by a data-writing scanning during the first sub-frame. Thereafter, a data-erasing scanning occurs followed by a data-writing scanning during the second sub-frame. Accordingly, Makino teaches data scanning that alternates between erasing and writing, which are different types of scanings.

In contrast, as now recited in amended claims 1 and 8 of the present Application, a data scanning unit scans a plurality of similar first-half data scanings, and also scans a plurality of consecutive similar second-half data scanings following the scanning of the first-half data scanings within the predetermined period. As shown in FIG. 10 of the present Application, first and second similar data scanings occur before similar third and fourth data scanings. A described example is two write scans followed by an additional two write scans. (See Applicants' Specification, page 24, line 17 to page 25, line

7). Since Makino fails to disclose or suggest these features, withdrawal of the §102(b) rejection of claims 1 and 8-10 is respectfully requested.

Claims 3-4 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Makino in view of Yoshihara et al. (U.S. Publication No. 2002/0000960). In response, Applicants traverse the rejection for the reasons recited above with respect to the rejection of independent claim 1.

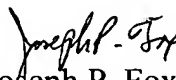
Since claims 4-5 ultimately depend upon claim 1, they necessarily include all of the features of their associated independent claim plus other additional features. Thus, Applicants submit that the §103(a) rejection of claims 3-4 has also been overcome for the same reasons mentioned above to overcome the rejection of independent claim 1, and also because Yoshihara fails to overcome the deficiencies of Makino. Applicants respectfully request that the §103 rejection of claims 4-5 also be withdrawn.

For all of the foregoing reasons, Applicants submit that this Application is in condition for allowance, which is respectfully requested. The Examiner is invited to contact the undersigned attorney if an interview would expedite prosecution.

Respectfully submitted,  
GREER, BURNS & CRAIN, LTD.

**Customer No. 24978**

January 30, 2008  
300 South Wacker Drive  
Suite 2500  
Chicago, Illinois 60606  
Telephone: (312) 360-0080  
Facsimile: (312) 360-9315  
P:\DOCS\1100\69785\CI0301.DOC

By:   
Joseph P. Fox  
Registration No. 41,760